



COLLECTIONS SUMMARY FOR PICATINNY ARSENAL, NEW JERSEY

**U.S. Army NAGPRA Compliance Project,
Technical Report No. 26**



**Prepared for the
U.S. Army Environmental Center,
Environmental Compliance Division**

**by the
U.S. Army Corps of Engineers,
St. Louis District,
*Mandatory Center of Expertise for the Curation and Management
of Archaeological Collections***

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**AN ARCHAEOLOGICAL COLLECTIONS SUMMARY
FOR
PICATINNY ARSENAL, NEW JERSEY**

**Information Provided for Compliance with the
Native American Graves Protection and Repatriation Act
Section 6 Summary**

**Prepared for the
U.S. Army Environmental Center,
Environmental Compliance Division
Aberdeen Proving Ground, Maryland**

**By
U.S. Army Corps of Engineers,
St. Louis District,
Mandatory Center of Expertise for the
Curation and Management of Archaeological Collections,
U.S. Army NAGPRA Compliance Project,
Technical Report No. 26**

July 1995

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OBJECTIVES AND METHODS

The U.S. Army Environmental Center (AEC) tasked the Mandatory Center of Expertise for the Curation and Management of Archaeological Collections (MCX) with the job of assisting Army installation personnel in complying with the requirements of the Native American Graves Protection and Repatriation Act (P.L. 101-601, NAGPRA). The MCX was asked to locate and assess archaeological collections derived from Army-owned lands, to identify the federally recognized Native American tribes most likely culturally affiliated with the collections, to draft Section 6 Summary Letters for each installation, and to conduct physical inventories of any collections that contain human skeletal remains. This report conveys the results of the collections research confirming Picatinny Arsenal's exemption from the Section 6 Summary requirement of NAGPRA.

The MCX used a two-stage process to identify, locate, and assess the contents of archaeological collections from the installation. First, archival research was performed to review all archaeological site records and reports for the installation. Second, telephone interviews were conducted with personnel at installations, universities, museums, and archaeological contractors that were identified during the archival research as possible repositories of Army collections.

Archival research for Picatinny Arsenal began with a search of the National Archeological Data Base (NADB) for references pertaining to the installation. This was followed by a thorough examination of all archaeological site forms and a literature review of all pertinent archaeological reports and manuscripts on file at the New Jersey Historic Preservation Office and the New Jersey State Museum in Trenton, New Jersey. The records search was performed at these institutions in April 1995 and sought to identify any work on the installation that may have produced archaeological collections.

Subsequent telephone interviews to potential collections repositories ascertained whether the materials were present and the range of objects in each collection. Once the collections were located and assessed, MCX personnel identified federally recognized Native American tribes that are likely to be culturally affiliated with the materials in the collections.

RESEARCH RESULTS

ARCHAEOLOGICAL INVESTIGATIONS AT PICATINNY ARSENAL

The first recorded archaeological work at Picatinny Arsenal occurred in 1986 when Historic Conservation and Interpretation, Inc. conducted a survey for a proposed electrical transmission line across the property. No sites were recorded at that time. In the same year, Envirosphere, Inc. completed an archaeological overview and management plan for the installation and found no record of prehistoric sites on file. In 1989, Historic Conservation and Interpretation, Inc. conducted an additional Stage I investigation for the proposed electrical transmission line. Again, no sites were recorded. In 1992, the U.S. Army Corps of Engineers, Waterways Experimental Station (WES) was contacted to produce a geomorphological predictive model for historic/prehistoric sites. WES's review of the site files did not reveal any recorded prehistoric sites. Dr. Fred Briuer of WES stated that avocational archaeologists identified several prehistoric sites on the installation. He inspected one such site and found it to be ephemeral with a tenuous artifact distribution.

Presently, Heritage Conservation and Preservation, Inc. (HCP) is conducting two studies on the installation. The Walton Cemetery (3MR265), a Revolutionary War-era cemetery, is the subject of one study, the draft of which has not yet been submitted. No artifacts were collected from the cemetery. The second study centers on industrial archaeology in northern New Jersey. HCP excavated two worker's houses at Denmark Forge. This report has not been published, either. Artifacts from this study are being stored at Heritage Conservation and Preservation, Inc. pending the completion of the report. Ultimately, the collection will be curated at the New Jersey State Museum.

Investigations consisted of systematic surveys, test excavations, and excavations to mitigate adverse effects on sites where necessary for the installation's mission. Artifacts recovered include historic metal and glass artifacts. No Native American artifacts were excavated.

SUMMARY OF ARCHAEOLOGICAL COLLECTIONS

A total of less than one cubic foot of boxed archaeological materials and less than one linear foot of associated documentation have been identified for Picatinny Arsenal. As of the date of this

report, they are located at the offices of Heritage Conservation and Preservation, Inc., Newton, New Jersey (Appendix II).

Every attempt has been made to locate all collections cited on available archaeological site records or in published and unpublished references to archaeological investigations on the installation.

REFERENCES TO ARCHAEOLOGICAL INVESTIGATIONS

Three sets of references regarding archaeological work conducted on Picatinny Arsenal are attached: Appendix III contains the list of references reviewed by the MCX during its archival research; Appendix IV is the list of references contained in the National Archeological Data Base (NADB); and Appendix V provides the references cited in the literature but not available for review by the MCX.

NATIVE AMERICAN TRIBES ASSOCIATED WITH PICATINNY ARSENAL

According to the maps provided by Goddard (1978:Fig. 1, 2), Trigger (1978:ix), Bragdon (1990: Map 4.1), and Johnson (1992:20), at the time of Euroamerican contact the Delaware inhabited the area now occupied by Picatinny Arsenal. The 1978 Indian Land Claims map (U.S.G.S. n.d.) does not indicate any adjudications for the state of New Jersey.

SECTION 6 COMPLIANCE

P.L. 101-601 (NAGPRA) requires that federal agencies engage in active consultation with Native Americans with federally recognized tribes and/or lineal descendants who may be culturally affiliated with the archaeological collections from the installation. The Delaware are the only federally recognized tribe which may be culturally affiliated with Native American collections in New Jersey (Appendix I). However, as the archaeological collections from Picatinny Arsenal do not contain any Native American artifacts or remains, the installation need not contact or consult with Native American entities regarding NAGPRA.

REFERENCES CITED

Bragdon, Kathleen J.

- 1990 The Northeast Culture Area. In *Native North Americans: An Ethnohistoric Approach*, edited by David L. Boxberger, pp. 91-133. Kendall/Hunt Publishing Co., Dubuque, Iowa.

Goddard, Ives

- 1978 Delaware. In *Handbook of North American Indians, Volume 15: Northeast*, edited by Bruce G. Trigger, pp. 213-239. Smithsonian Institution, Washington, D.C.

Johnson, Michael G.

- 1992 *The Native Tribes of North America: A Concise Encyclopedia*. Windrow and Green, London.

Trigger, Bruce G. (editor)

- 1978 *Handbook of North American Indians, Volume 15: Northeast*. Smithsonian Institution, Washington, D.C.

U.S.G.S.

- n.d. *Indian Lands Judicially Established 1978*. Map prepared by the U.S. Geological Survey for the Indian Claims Commission.

APPENDIX I

NATIVE AMERICAN POINTS OF CONTACT FOR PICATINNY ARSENAL, NEW JERSEY

FEDERALLY RECOGNIZED TRIBES

Delaware Tribe of Western Oklahoma

Mr. Lawrence F. Snake, President

Delaware Executive Committee

P.O. Box 825

Anadarko, OK 73005

Ph. (405) 247-2448

Fax: (405) 247-9393

APPENDIX II

SUMMARY OF CURRENT LOCATIONS OF ARCHAEOLOGICAL COLLECTIONS FROM PICATINNY ARSENAL, NEW JERSEY

All collections information has been entered into a Paradox data base file and can be queried by any of the fields listed below, as well as by the name of the installation and by MACOM. The data base will be delivered by the MCX to the U.S. Army Environmental Center upon completion of the U.S. Army NAGPRA Compliance Project. Inquiries for additional information are welcome (MCX: 314-331-8865; U.S. Army Environmental Center NAGPRA Compliance Project: 410-671-1573). The data fields listed in the summary of collections contain the following information:

| | |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REPOSITORY: | The current location in which the collection is stored, as of the date of this report. |
| REPOSITORY POC: | The person contacted by the MCX, or the person to whom inquiries regarding the collection should be addressed. |
| TELEPHONE: | The telephone number for the repository POC. |
| COLLECTION ID: | The identifying unit used by the repository to store and/or locate the collection. This can be a unique accession number assigned by the repository, the archaeological site number or project name, the name of the collector of the collection, or another number or name assigned by the repository. |
| SITE NUMBERS: | The official site number or name only for those sites from which materials were collected. An investigator may have performed work at additional sites but did not collect any materials. Those site numbers are not included in this field. |
| FIELDWORK DATES: | The date(s) during which the investigation(s) occurred. This information is provided to differentiate between projects that may have investigated the same site repeatedly. |

EXCAVATOR/COLLECTOR: The individual and/or organization that conducted the investigation.

COLLECTION SIZE: The volume or number of objects in a collection, estimated by the repository POC or from project reports.

DESCRIPTION OF MATERIALS: General material classes of the objects in the collection derived from data provided on site records, in references, and/or by the Repository POC.

ANTIQUITY/ARCH. PERIOD: Chronological or cultural-historical designations recorded on site records or in references specific to the collection.

CULTURAL AFFILIATION: This column contains only those ethnic identifications found in the site records or references specific to the collection. This field is left blank if no such information was recorded.

BASIS OF DETERMINATION: Documents the source of the cultural affiliation information (e.g., site record, oral testimony, reference).

SECTION 5 MATERIALS: Describes the number and kind of human skeletal remains and associated funerary objects in the collection, as indicated by the site records, references, repository management documents, or information from repository POC. If these materials are present or are suspected to be present, NAGPRA Section 5 requires a physical inventory of the materials.

Summary of Current Location of Archaeological Collection

As of July 1995

| Repository | Repository POC | Telephone | Collection ID | Site Numbers | Fieldwork Dates | Exca |
|-------------------------------------------|----------------|----------------|---------------|--------------|-----------------|---------|
| Historic Conservation & Interpretation | Edward Rutsch | (201) 383-6355 | Denmark Forge | N/A | 1994 | William |
| | | | | | | |

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Current Location of Archaeological Collections From: Picatinny Arsenal, New Jersey [AMC]

As of July 1995

| Numbers | Fieldwork Dates | Excavator/Collector | Collection Size | Description of Materials | Antiquity/Archaeological Period | Cultural Affiliation |
|---------|-----------------|---------------------|-----------------|--------------------------|---------------------------------|----------------------|
| | 1994 | William Sandy | < 1 cu. ft. | Historic Metal, Glass | 19th Century | Euro American |
| | | | | | | |

| on of Materials | Antiquity/Archaeological Period | Cultural Affiliation | Basis of Determination | Section 5 Materials |
|-----------------|---------------------------------|----------------------|------------------------|---------------------|
| ass | 19th Century | Euro American | Artifact Assemblage | No |
| | | | | |

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APPENDIX III

MCX LIST OF REFERENCES

In addition to the references reviewed by MCX personnel at the archaeological site information center, every attempt was made to obtain references cited but not on file. Information taken from these references was coded for data relating to collections made from sites located on installation property (see attached sample of PD-C Bibliographic Data Sheet form) and entered into a data base for ease of manipulation.

Report titles were drawn directly from the title page of reports, and consist of the following fields:

| FIELD | DATA ENTERED |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Subject Property | Army Installation name |
| Last Name | Primary author's last name |
| First Name | Primary author's first name |
| Middle Initial | Primary author's middle initial |
| Secondary Authors | Names of secondary authors, <i>or</i> in instances where the author is a company rather than an individual, the company name is listed here |
| Title | Title of the reference. For letter reports, the person or agency to whom the correspondence is addressed is listed as the title. |
| Series | If the report is part of a publication series, the name and number are provided here. |
| Date | Date of publication or submission |
| Length | Report length in pages |
| Contract Number | Contract number and delivery order number, if applicable |

The data for the next three fields are drawn directly from the report title page and reflect the hierarchy of contracting agencies involved in accomplishing the work. In some cases, the sponsoring agency is listed as the Army installation; in others, the intermediary contracting agent, (e.g., the Army Corps of Engineers or the National Park Service) is listed as the Sponsoring Agency.

| | |
|-------------------|---------------------------------------------|
| Sponsoring Agency | Agency for which the report was prepared |
| Contractor | The agent contracted to perform the work |
| Subcontractor | The agent subcontracted to perform the work |

The majority of the citations for archaeological investigations on Army land refer to unpublished reports prepared under contract with federal agencies, consequently the MCX printout was designed to address these reports. In instances where the author is a company rather than an individual, the company name is listed in the Secondary Authors field (due to the length of the field). For published references, the publisher is listed in the Sponsoring Agency field.

NADB No.

PD-C Collection No.

PD-C Bibliography Data Sheet

Date: _____

Information obtained by: _____

PD-C Project:

Subject Property:

Repository (name and location):

Record Collection Name/Number:

Report Date and Length (in pages):

Author(s):

Title:

Contractor/Address or Publisher/Address (city, state):

Subcontractor/Address (city, state):

Report Series and Number:

Contract/Purchase Order Number(s):

Sponsoring Agency/Address:

Project Name and Location:

Principal Investigator(s)/Director(s):

Fieldwork Dates:

Type of Investigation (e.g., survey, testing, mitigation):

PD-C Bibliography Data Sheet (continued)

Site Numbers:

Archaeological Period (e.g., Hohokam, Mississippian):

Material Classes (range):

Artifact Collections and Locations:

Approximate Size of Collections (e.g., number of objects):

Record Collections and Locations:

NAGPRA Materials (Check if present)

Human Skeletal Remains _____

Objects

Associated Funerary _____

Unassociated Funerary _____

Sacred _____

Cultural Patrimony _____

Human Skeletal Remains Data Sheet ☐
Number of Attached Sheets _____

Object Data Sheet ☐
Number of Attached Sheets _____

Cultural Affiliation(s):

Basis for Affiliation Determination (e.g., geographic location, burial practices):

Comments:

MCX List of References for Picatinny Arsenal, New Jersey [AMC] as of July 1995

Subject property : Picatinny Arsenal, NJ

Last name : Bianchi

First name : Leonard

Middle Initial : G.

Secondary Authors : Lorraine E. Williams, Sydne D. Marshall, Joel I. Klein

Title : An Archeological Overview and Management Plan for Picatinny Arsenal.

Series : Draft Report No. 14

Date : 04/86

Length :

Contract Number : CX4000-3-0018

Sponsoring Agency : U.S. Army Material Development and Readiness Command

Contractor : National Park Service, Mid-Atlantic Region

Subcontractor : EnviroSphere Company

Subject property : Picatinny Arsenal, NJ

Last name : Rutsch

First name : Edward

Middle Initial : S.

Secondary Authors : Holly Van Voorst

Title : A Supplemental Stage One Cultural Resource Survey of the Proposed Mt. Hope Pumped Storage Hydroelectric Facility in Rockaway and Jefferson Townships, Morris County, New Jersey.

Series :

Date : 06/89

Length : 42

Contract Number :

Sponsoring Agency :

Contractor:: Historic Conservation & Interpretation

Subcontractor :

Subject property : Picatinny Arsenal, NJ

Last name : Rutsch

First name : Edward

Middle Initial : S.

Secondary Authors : William Sandy, Richard Porter, Leonard Bianchi

Title : Cultural Resource Investigations of the Proposed Mt. Hope Pumped Storage Hydroelectric Facility and Transmission Lines, Rockaway and Jefferson Townships, Morris County, New Jersey.

Series :

Date : 08/86

Length : 236

Contract Number :

Sponsoring Agency : Tippetts - Abnett - McCarthy - Stratton

Contractor : Historic Conservation & Interpretation

Subcontractor :

APPENDIX IV

NATIONAL ARCHEOLOGICAL DATA BASE REFERENCES FOR PICATINNY ARSENAL, NEW JERSEY

As of July 1995, there are no references for Picatinny Arsenal cited in the National Archeological Data Base (NADB).

APPENDIX V

OTHER REFERENCES TO PICATINNY ARSENAL

Attempts were made to obtain copies of references that were cited in NADB, on the site records, or in other publications but were not available at the New Jersey State Museum or New Jersey Historic Preservation Office. Conversations with Edward Rutsch of Historic Conservation Preservation, Inc. indicated that two publications were in preparation for Picatinny Arsenal. From these telephone conversations, the MCX determined that one collection (from Denmark Forge) will be reported in these references.